





- L348: (6) tessellation and nucleation near2 point\$
- L356: (6) 349 and 345/\$.ccls.
- L349: (31) 334 or 341 or 348
- L363: (1071) 345/441
- L370: (404) 345/423
- L377: (1394) 363 or 370
- L384: (47) 377 and delaunay
- L391: (29) 377 and voronoi
- L398: (77) 377 and tessellat\$3
- L406: (1) 345/\$.ccls. and nuclea\$5 near2 point\$
- L405: (2) 377 and nuclea\$5 near2 point\$

    
DB: ☒ USPAT: ☒ Phrases ☒ SynonymsDefault operator: ☒ Highlight all hit terms initially

407 and coordinates and  
 ((x near1 y) or 2d or  
 2-d or two-dimension\$2  
 or "two dimension\$2") and  
 shap\$3 and til\$3

☒ BR\$☒ IS&R☒ Image☒ Text

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRe
9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6101450 A	20000808	11	Stress analysis using a defect-free four-node finite	702/42	356/32
10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6084979 A	20000704	26	Method for creating virtual reality	382/154	; 356/35.5
11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6008820 A	19991228	71	Processor for controlling the display of rendered	345/502	
12	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5999189 A	19991207	67	Image compression to reduce pixel and texture memory	382/232	
13	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5977977 A	19991102	95	Method and system for multi-pass rendering	345/418	
14	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5965235 A	19991012	27	Three-dimensional, amorphous-patterned,	428/156	156/209
15	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5870097 A	19990209	109	Method and system for improving shadowing in a	345/426	; 156/295
16	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5864342 A	19990126	88	Method and system for rendering graphical objects	345/418	345/422
17	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5852443 A	19981222		Method and system for memory	345/441	345/421
								; 345/426
								345/545

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407 and coordinates and ((x near1 y) or 2d or 2-d or two-dimension\$2 or "two dimension\$2") and shap\$3 and til\$3

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Image

Text

L348: (6) tessellation and nucleation near2 point\$

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current XRe
15	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5870097 A	19990209	109	Method and system for improving shadowing in a	345/426	345/422
16	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5864342 A	19990126	88	Method and system for rendering graphical objects	345/418	345/421 ; 345/426
17	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5852443 A	19981222	52	Method and system for memory decomposition in a graphics	345/441	345/545 ; 345/555
18	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5850225 A	19981215	19	Image mapping system and process using panel shear	345/427	
19	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5594854 A	19970114	41	Graphics subsystem with coarse subpixel correction	345/441	345/501 ; 345/506
20	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5561754 A	19961001	23	Area preserving transformation system for	345/441	
21	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5506947 A	19960409	21	Curve and surface smoothing without shrinkage	345/441	345/420 ; 345/423
22	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5287436 A	19940215	20	Polygon sort engine	345/419	345/441 ; 345/536

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US-PAT-NO: 5798764  
DOCUMENT-IDENTIFIER: US 5798764 A

TITLE: Method for determining the inte  
tetrahedra with the boundary of a body  
DATE-ISSUED: August 25, 1998

## INVENTOR-INFORMATION:

NAME CITY  
Akiyama, Yutaka Tokyo

## ASSIGNEE INFORMATION:

NAME CITY  
NEC Corporation Tokyo

APPL-NO: 8/ 949949

DATE FILED: October 14, 1997

## PARENT-CASE:

This application is a continuation of a  
May 30, 1995 now abandoned.

## FOREIGN-APPL-PRIORITY-DATA:

FOREIGN-PRIORITY:

FOREIGN-PRIORITY-APPL-NO: JP 6-11526

FOREIGN-PRIORITY-APPL-DATE: May 27,

INT-CL: [6] G06

US-CL-ISSUED: 3

US-CL-CURRENT:

FIELD-OF-SEARCH

## REF-CITED:

PAT-NO

5125038

5214752

COUNTRY

JP

United States Patent  
Akiyama

Patent Number 5,798,764  
Date of Patent Aug. 25, 1998

ABSTRACT

Method for determining the  
tetrahedra with the boundary of a body to be analyzed

Background: Tetrahedra with the boundary of a body to be analyzed

Summary: NEC Corporation Tokyo Japan

App. No. 8/949949

Filed Oct. 14, 1997

Related CA Application Data

Continuation of Ser. No. 08/049,499, filed Oct. 14, 1993, now abandoned.

Foreign Application Priority Data

May 27, 1995 JP 6-11526

May 27, 1995 JP 6-11526

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Patent Number 5,798,764  
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Method for determining the  
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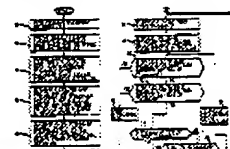


FIG. 1

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FIG. 14

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FIG. 22

FIG. 23

FIG. 24

FIG. 25

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1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6254965 B1	20010703	26	Three-dimensional nesting-resistant sheet	428/141	428/156 ; 428/172
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6106561 A	20000822	66	Simulation gridding method and apparatus including a	703/10	345/423 ; 367/72
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5965235 A	19991012	27	Three-dimensional, amorphous-patterned,	428/156	156/209 ; 156/295
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5798764 A	19980825	23	Method for determining the intersections of Delaunay	345/423	345/620 ; 345/624

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- ☒ L309: (5) tessellation and (2d or 2-d or two-dimension\$2 or "t
- ☒ L316: (5) tessellation and (2d or 2-d or two-dimension\$2 or "t
- ☒ L323: (5) tessellation and (2d or 2-d or two-dimension\$2 or "t
- ☒ L326: (2) tessellation and (2d or 2-d or two-dimension\$2 or "t
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and hexagon and shapes  
and edge\$ and  
coordinates and til\$3

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1	<input checked="" type="checkbox"/>	US 6254965 B1	20010703	26	Three-dimensional nesting-resistant sheet	428/141	428/156 ; 428/172
2	<input checked="" type="checkbox"/>	US 6193918 B1	20010227	13	High speed embossing and adhesive printing process	264/167	264/171.13 ; 264/286
3	<input checked="" type="checkbox"/>	US 6148496 A	20001121	13	Method for making a seamless apertured metal belt	29/428	198/844.2 ; 198/846
4	<input checked="" type="checkbox"/>	US 5965235 A	19991012	27	Three-dimensional, amorphous-patterned,	428/156	156/209 ; 156/295

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☒ L325: (4) tessellation and (2d or 2-d or two-dimension\$2 or "t  
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	1	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
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2	<input checked="" type="checkbox"/>	US 6194062 B1	20010227		Storage wrap material	428/343	428/354
3	<input checked="" type="checkbox"/>	US 6193918 B1	20010227		High speed embossing and adhesive printing process	264/167	264/171.13 ; 264/286
4	<input checked="" type="checkbox"/>	US 6148496 A	20001121		Method for making a seamless apertured metal belt	29/428	198/844.2 ; 198/846
5	<input checked="" type="checkbox"/>	US 5965235 A	19991012		Three-dimensional, amorphous-patterned,	428/156	156/209 ; 156/295

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☒ L218: (5) 211 or 176  
☒ L148: (12) 8 and 428/9.ccls.

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2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6194062 B1	20010227	23	Storage wrap material	428/343	428/354
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5965235 A	19991012	27	Three-dimensional, amorphous-patterned,	428/156	156/209 ; 156/295
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5945181 A	19990831	26	Tessellatable elements and plane tessellations for	428/33	428/49 ; 52/311.2
5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5906873 A	19990525	66	Puncture, pierce, and cut resistant fabric	428/57	2/161.7 ; 2/167
6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5194969 A	19930316	19	Method for borderless mapping of texture images	358/463	358/448 ; 358/450
7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4842905 A	19890627	9	Tessellated papermakers fabric and elements for	428/33	162/348 ; 162/900
8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4620998 A	19861104	8	Crescent-shaped polygonal tiles	428/33	273/157R ; 428/47
9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4587147 A	19860506	17	Reticulated products and their manufacture	428/59	156/157 ; 156/159
10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4350341 A	19820921	8	Surface covering tiles	273/157R	428/47 ; 434/211
11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4223890 A	19800923	5	Set of tiles for covering a surface	273/157R	428/33 ; 428/44
12	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4133152 A	19790109	13	Set of tiles for covering a surface	52/105	273/156 ; 273/157R

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